

SHIBAURA

FRONT MOWER

CM214

CM284

CM364

Utmost Dependability



SHIBAURA



Just try our value conscious
Out Front Mowers so that
the machines can fully meet

CM214

16.0kW(21.5HP)

CM2

20.8kW(28HP)



Operator Friendly

- Simple and easy-to-see instrument panel
- Cruise control device (for CM284 & CM364 only)
- Tilt & telescope wheel steering (CM284 & CM364 only)
- Deluxe seat with reclining feature (for CM284 & CM364 only)
- Flat floor & sufficient leg room (especially for CM284 & CM364)
- Low noise & low vibration



Safety-Oriented

- Two-post ROPS (rigid type for CM214 & foldable type for CM284/364)
- Seatbelt (standard type for CM214 & retractable type for CM284/364)
- Parking brake
- Warning alarm device informing engine troubles (for CM284/364 only)
- Auto engine stop feature with which the engine automatically stops when you leave the driver's seat
- Excellent weight balance so as to achieve maximum stability



U
t y
et

84
3.0HP)

CM364
26.0kW(35.0HP)



Productivity-Conscious

- ✓ Hydrostatic transmission (one range for CM214 and two range for CM284 and CM364) to give you precise control over speed and direction
- ✓ Auto/Full Time 4WD so as to drive/operate smoothly under any ground condition
- ✓ Large fuel tank (50.5 liters) so as to keep going without the need for refueling even for a full day operation (for CM284 and CM364 only)
- ✓ Optional Remote Valve Kit for Grass Collector and other attachments (CM284/364 only)

Grass Collector

MODEL	PM500	PM700
Container Capacity	500 Litre	700 Litre
Dumping Height	1,750mm	2,000mm



Speedy-Maintenance-Driven

- ✓ Dual-element air filters
- ✓ Flip-up mower deck with the drive shaft connected to the machine so as to quickly access deck and cutting blade
- ✓ Gas damper with which you can easily pull the driver's seat so as to access to the space under the seat (CM284/364 only)
- ✓ One-piece full open hood designed for simple access to the engine



Cabin



Mower Deck





CM-Series you will easily realize your various expectations.

SHIBAURA COMPACT DIESEL ENGINE—THE ONE YOU CAN TRUST

Environment-Friendly

The Shibaura diesel engine mounted on the CM-series Out Front Mowers are surely environment-friendly. It meets the US EPA Tier-1 which is recognized as one of the toughest emission criteria in the world at present. Besides, the engine design takes the EU DGXI Stage 2 emission regulation into account.

In order to satisfy upcoming emission control regulations, Shibaura will design its diesel engine to achieve better combustion efficiency, emission and less fuel consumption.

Low Noise and Low Vibration

The Shibaura diesel engine realizes low noise and low vibration in the whole engine revolution range. The engine has proper rigidity of the cylinder block and gear case cover, which helps reducing its mechanical and combustion noise.

Compact and Light-Weight

Applying Finite Element Method (FEM) for structural analysis, Shibaura designs its diesel engine to be compact and light-weight on the basis of the appropriate balance of rigidity, strength, and weight.

Easy Maintenance

The Shibaura diesel engine is ideal when it comes to easy maintenance. On one side of the engine, you can check the oil level, replace the oil filter and complete some other necessary maintenance.



SPECIFICATIONS (※)

MODEL	CM214	CM284	CM364
ENGINE			
Model	S773	J843	N843-L
Type		Water-Cooled Diesel Engine	
No. of Cylinder		3	
Gross Horsepower kW(hp)/rpm	16.0(21.5)/2,700	20.8(28.0)/2,700	26.0(35.0)/2,700
Displacement cc	1,005	1,330	1,662
Fuel Tank ℥	28.0		50.5
Alternator volt-amp	12-20		12-40
DIMENSIONS			
Overall Length mm	2,130		2,415
Overall Width mm	1,000		1,370
Overall Height (W/ROPS) mm	1,875		1,930
Min. Ground Clearance mm	125		140
Wheelbase mm	1,050		1,250
Tread Width-Front mm	800		940
Tread Width-Rear mm	830		995
Weight with ROPS kg	530	730	750
Tire Size-Front	20X10-4PR		23X10.5-12.4PR
Tire Size-Rear	16X6.5-4PR		20X8.00-10.4PR
FRONT PTO			
Type	Belt Drive	Wet Multi Plates	
Shaft		25.4 Dia. Spline	
Rated Speed(@ Engine Speed) rpm	2,200(@2,700rpm)	2,209(@2,700rpm)	
SIDE PTO			
Type	(STD)	(OPTION)	
Shaft	Live	Live	
Rated Speed(@ Engine Speed) rpm	22.0 Dia.6mm key way	20.0 Dia.6mm key way	
	2,200(@2,700rpm)	2,700(@2,700rpm)	
TRANSMISSION			
Type		HST	
Drive		Auto 4WD or Full Time 4WD	
Range	Single	2-Range	
Travelling Speed-Forward km/h	0-14.0	Low:0-9.7	High:0-16.6
Travelling Speed-Reverse km/h	0-8.0	Low:0-5.8~6.8	High:0-10.0~11.6
Speed Control		2 Pedals (Forward and Reverse)	
Brake		Wet Disc (Single Pedal Control)	
CONTROL/SAFETY SYSTEM			
Mower Lifting		Hydraulic	
Steering		Hydraulic	
ROPS		2-Post ROPS	
Parking Brake		with	
Seatbelt		with	
Auto. Engine Stop Feature		with	
Safety Starting Switch		with	
MOWER DECK(OPTION)			
Type	48 inch Side Discharge	60 inch Side Discharge	72 inch Side Discharge
Cutting Height mm	25-115	38-115	38-115
Cutting Width mm	1,220	1,520	1,830
Weight kg	120	175	204

※ Subject to Change without Notice



SHIBAURA

Ishikawajima-Shibaura Machinery Co.,Ltd.

Head Office : SEIWA SHINJUKU BLDG.